



TECHNICAL DATA SHEET

ProSolve Underground Warning Tape (Detectable)

DESCRIPTION

An plastic tape used to help identify the presence of a underground pipe or service. The tape contains two stainless silver wires to make it detectable from the surface.

Codes: COMMS/DET, ELECT/DET, GAST/DET, TELT/DET, WATER/DET, SEWERPUMP/DET and STREETLT/DET

The coloured tape, has the name of the service printed on it to help identify what is below it.

TAPE STRUCTURE

Size: 150mm x 100m

Core Material: LDPE

Protective Material: Polypropylene

Adhesive Used: Acrylic

Total Thickness: 130 microns (tolerance is +/-15%)

- LDPE (30 microns)
- Polypropylene (100 microns)

Steel Wires: AISI 304 Sp. 0.40MM - waveline with elongation of 25% (+/- 5%)

TECHNICAL DATA

Melting Point: 120 - 126°C

Specific Weight: 0.920 – 0.930 g/cm³

Analysis	Unit	Value (*)		Test Method	
Tearing Elmendorf	[mN]	MD TD	1520.0 7760.0	ASTM D	1922
Breaking strength	[N/mm ²]	MD TD	26.4 23.3	ASTM D	822
Enervation point	[N/mm ²]	MD TD	10.0 12.2	ASTM D	822
Elongation at enervation	[%]	MD TD	10.0 7.1	ASTM D	822
Energy at break	[J]	MD TD	4.9 5.5	ASTM D	822
Young Modulus	[N/mm ²]	MD	184.9	ASTM D	822
COF Static			0.24	ASTM D	1894
COF Dynamic			0.23	ASTM D	1894
Perforation strength	[N/mm]		2053.0	ASTM D	4649
Deformation to Perforation	[mm]		85.5	ASTM D	4649

Recyclability: The film is completely recyclable with normal recovery systems.

Storing: With normal storing conditions and protected from the sunlight the film doesn't decompose.

IMPORTANT NOTICE

All statements, technical information and recommendations are based on tests we believe to be reliable as at the date of hereof, but the accuracy or completeness thereof is not guaranteed. Please ensure before using the product that it is suitable for your intended use. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, other than for fraudulent misrepresentation, ProSolve expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

BEFORE USE, CONSULT THE SAFETY DATA SHEET OF THE PRODUCT.